

Serial No. 10/811,630
60282-032**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows. This listing of claims will replace all prior listings.

1. (CURRENTLY AMENDED) A high pressure fluid jetting system comprising:
~~a fluid cylinder pump;~~
a frame plate which defines a fluid pumping chamber; and
a pressure assembly within said frame plate ~~said fluid cylinder pump~~, said pressure assembly comprising an outer pressure ~~member~~ sleeve and an inner pressure ~~member~~ sleeve having an angled interference surface therebetween; ~~and~~
a plunger reciprocally movable within said inner pressure sleeve of said pressure assembly.
2. (CURRENTLY AMENDED) The ~~system~~ assembly as recited in claim 1, wherein ~~said fluid cylinder pump~~ pressure assembly operates at approximately 50,000 pounds per square inch of pressure.
- 3-20. (CANCELED)
21. (CURRENTLY AMENDED) The system as recited in claim 1, ~~wherein said pressure assembly comprises~~ further comprising a seal cartridge assembly pressed into said fluid pumping chamber of said frame plate, the seal cartridge assembly located adjacent said pressure assembly.
22. (PREVIOUSLY PRESENTED) The system as recited in claim 21, wherein said seal cartridge assembly comprises:
an outer seal cartridge;
an inner seal cartridge, said inner seal cartridge and said outer seal cartridge having an angled interference surface therebetween; and
a packing assembly within said inner seal cartridge.

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23. (PREVIOUSLY PRESENTED) The system as recited in claim 22, wherein said inner seal cartridge is maintained in compression by said outer seal cartridge.

24. (CURRENTLY AMENDED) A high pressure fluid jetting system comprising:
~~a fluid cylinder pump;~~
a pressure assembly ~~within said fluid cylinder pump, said pressure assembly~~ comprising an outer pressure ~~member~~ sleeve and an inner pressure ~~member~~ sleeve having an angled interference surface therebetween;
a plunger reciprocally movable within said pressure assembly
a packing assembly located about said plunger, said packing assembly comprising an inner diameter wedge ring and an outer diameter wedge ring..

25. (CURRENTLY AMENDED) The system as recited in claim 24, wherein ~~each of said non-metallic~~ said packing assembly includes a multitude of non-metallic members which are substantially square in cross section.

26. (CURRENTLY AMENDED) A method of assembling a high pressure fluid jetting system comprising the steps of:

- (1) locating an outer pressure sleeve within a frame plate of ~~the~~ a fluid cylinder pump;
- (2) locating an inner pressure sleeve within the outer pressure sleeve, the outer pressure sleeve and the inner pressure sleeve having an angled interference surface therebetween;
and
- (3) attaching a manifold to the frame plate to press the inner pressure sleeve into the outer pressure sleeve.

27. (PREVIOUSLY PRESENTED) A method as recited in claim 26, wherein said step (3) further comprises the step of:
bolting the manifold to the frame plate.

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28. (PREVIOUSLY PRESENTED) A method as recited in claim 26, wherein said step (3) further comprises the step of:

locating the outer pressure sleeve within an inner bore of the frame plate such that a flange of the outer pressure sleeve abuts the frame plate.

29. (PREVIOUSLY PRESENTED) A method as recited in claim 26, wherein said step (3) further comprises the step of:

pressing the inner pressure sleeve into the outer pressure sleeve and the outer pressure sleeve into an inner bore of the frame plate.

30. (NEW) The system as recited in claim 22, wherein said inner seal cartridge defines an outer diameter less than an outer diameter of said inner pressure sleeve.

31. (NEW) The system as recited in claim 22, wherein said angled interference surface between said inner seal cartridge and said outer seal cartridge abuts an end of said inner pressure sleeve and a flange plate.

32. (NEW) The system as recited in claim 31, further comprising a manifold adjacent said frame plate, said manifold mounted to said flange plate through a multitude of fasteners which pass through said frame plate.

33. (NEW) The system as recited in claim 25, wherein said packing assembly is located within an inner seal cartridge, said inner seal cartridge mounted within an outer seal cartridge, and said inner seal cartridge and said outer seal cartridge having an angled interference surface therebetween.

34. (NEW) The system as recited in claim 1, wherein said outer pressure sleeve includes a radially extending flange which abuts said frame plate.

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35. (NEW) A high pressure fluid jetting system comprising:
a frame plate having a fluid pumping chamber;
a pressure assembly within said frame plate comprising an outer pressure member and an inner pressure member having an angled interference surface therebetween;
a seal cartridge assembly at least partially within said frame plate, said seal cartridge assembly comprising an outer seal cartridge and an inner seal cartridge, said inner seal cartridge and said outer seal cartridge having an angled seal cartridge interference surface therebetween, said seal cartridge assembly located adjacent said pressure assembly;
a plunger reciprocally movable within said pressure assembly and said seal assembly; and
a valve seat assembly adjacent said pressure assembly.

36. (NEW) The system as recited in claim 35, wherein said angled interference surface between said inner seal cartridge and said outer seal cartridge abuts an end of said inner pressure sleeve and a flange plate.

37. (NEW) The system as recited in claim 36, further comprising a manifold adjacent said frame plate, said manifold mounted to said flange plate through a multitude of fasteners which pass through said frame plate.

38. (NEW) The system as recited in claim 37, wherein said manifold engages said valve seat assembly.

39. (NEW) The system as recited in claim 35, wherein said valve seat assembly includes an outer valve seat and an inner valve seat, said outer surface of the inner valve seat and an inner surface of said outer valve seat form a valve seat interference surface which maintains said inner valve seat in internal compressive stress.

40 (NEW) A method as recited in claim 26, wherein said step (3) further comprises the step of:

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pressing the inner pressure sleeve into the outer pressure sleeve and the outer pressure sleeve into an inner bore of the frame plate in response to mounting the manifold to the frame plate to seat the inner pressure sleeve within the outer pressure sleeve.